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January 15, 2004


Tammie B. McFarland

1-15-04

Date of Signature



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Serrano et al.

Serial No.: 10/724,445

Filed: November 26, 2003

Title: FIBER OPTIC INSTALLATION
STRUCTURES IN A PAVED
SURFACE, DUCTS, AND METHODS
TEHREFOR

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Art Unit: Unknown

Examiner: Unknown

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicants bring to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed after the filing date of the application, but, to the best of Applicants' knowledge, before the mailing date of a first Office Action on the merits.

Copies of the listed documents are attached.

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

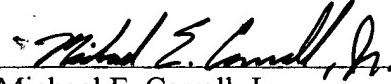
This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claims in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

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Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there are any other fees due in connection with the filing of this response, please charge the fees to our Deposit Account No. 19-2167. If a fee is required for an extension of time under 37 C.F.R. 1.136 not accounted for above, such an extension is requested and the fee should also be charged to our Deposit Account.

Respectfully submitted,


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Patent Attorney
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Hickory, N. C. 28603
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Date: January 14, 2004

**FORM PTO-1449 U.S. Department of Commerce
Patent and Trademark Office**
Attorney Docket Number:**Serial Number:****C0034****10/724,445**
**LIST OF RELATED DOCUMENTS CITED BY APPLICANT
(Use several sheets if necessary)**
Applicant: Serrano et al.**Filing Date: November 26, 2003****Group:**
U. S. PATENT DOCUMENTS

	AY	06-109931	4/22/94	Japan	G02B	6/00	No
	AZ	4203718A1	8/12/93	Germany	H02G	9/06	No
	BA	4115907A1	11/19/92	Germany	H02G	1/06	No
	BB	92/13227	8/6/92	PCT	F16L	57/00	No
	BC	4023762A1	1/30/92	Germany	H02G	1/06	No
	BD	91/12119	8/22/91	PCT	B29B	47/06	No
	BE	2677137	5/29/91	France	G02B	6/40	No
	BF	1574660	9/10/80	Great Britain	G02B	5/16	No
	BG	03-102231	4/26/91	Japan	G01K	11/12	No
	BH	90/10879	9/20/90	PCT	G01V	3/08	No
	BI	3710038A1	10/20/88	Germany	E01C	23/09	No
	BJ	61-107306	5/26/86	Japan	G02B	6/44	No
	BK	60-014208	1/24/85	Japan	G02B	6/44	No
	BL	8422532.7	1/31/85	Germany	G02G	1/08	No
	BM	57-195206	11/30/82	Japan	G02B	5/16	No
	BN	3001226A1	8/7/80	Germany	H02G	9/00	No
	BO	2735079A1	3/2/78	Germany	G02B	5/14	No
	BP	2003635A	7/6/78	United Kingdom	E01F	11/00	No
	BQ	7606741	9/9/76	Germany	H02G	9/04	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

BQ		
BR		
BS		
EXAMINER		DATE CONSIDERED

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office				Attorney Docket Number:	Serial Number:		
				C0034	10/724,445		
LIST OF RELATED DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)				Applicant: Serrano et al.			
				Filing Date: November 26, 2003		Group:	
U. S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	5,467,420	11/14/95	Rohrmann et al.	385	101	4/8/94
	AB	5,122,750	6/16/92	Rippingale et al.	324	326	3/5/91
	AC	5,017,873	5/21/91	Rippingale et al.	324	326	5/18/90
	AD	5,006,806	4/9/91	Rippingale et al.	324	326	10/30/89
	AE	4,892,442	1/9/90	Shoffner	405	154	3/3/87
	AF	4,896,997	1/30/90	Gaylin	405	156	9/27/85
	AG	4,812,078	3/14/89	Rivard	405	179	6/19/87
	AH	4,785,559	11/22/88	Hentschel	37	94	3/30/87
	AI	4,464,082	8/7/84	Isaacs	405	157	5/13/83
	AJ	4,395,834	8/2/83	Davison	37	98	11/10/81
	AK	4,239,336	12/16/80	Parfree et al.	350	96.23	12/1/78
	AL	4,063,429	12/20/77	Wilson	61	105	7/14/75
	AM	4,006,315	2/1/77	Halstead	179	82	8/7/75
	AN	3,952,532	4/27/76	Spearman	61	72.4	4/23/75
	AO	3,757,529	9/11/73	Kaercher, Jr.	61	72.6	4/4/72
	AP	3,722,225	3/27/73	Empson	61	72.1	11/2/70
	AQ	3,702,062	11/7/72	Olson	61	72.6	9/9/70
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
	AR	19623482A1	12/18/97	Germany	G02B	6/36	No
	AS	19601576A1	7/24/97	Germany	G02B	6/36	No
	AT	875015B1	10/20/99	Europe	G02B	6/44	No
	AU	0553991B1	12/11/96	Europe	G02B	6/44	No
	AV	08-136780	5/31/96	Japan	G02B	6/46	No
	AW	08-103012	4/16/96	Japan	H02G	1/08	No
	AX	0419637B1	11/30/94	Europe	G01V	3/08	No

*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.